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( Not for submission under 37 CFR 1.99	)

Application Number		10758370	
Filing Date		2004-01-15	
First Named Inventor	David	M. Bargeron	
Art Unit		2162	
Examiner Name	Giovanna B. Colan		
Attorney Docket Number MS306435.01/MSFTP504US			

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/GC/	2	5181255		1993-01-19	Bloomberg.			
/GC	)/s	6523134		2003-02-18	Korenshtein.			
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Attorney Docket Numb	er	MS306435.01/MS	FTP504US

/GC/	2	20030123733	A1	2003-07	<b>'-03</b>	Keskar, et al.					
/GC/	3	20050165747		2005-07	′-28	Bargeron, et a	ı.				
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/GC/	2	HANS P. GRAF, et al., " on Image Processing (K	HANS P. GRAF, et al., "Analysis of Complex and Noisy Check Images", Proceedings of IEEE International Conference in Image Processing (KIP-95). IEEE Computer Society Press, 1995, pages 316-319.								
/GC/	3		ATRICE Y. SIMARD, et al., "An Efficient Binary Image Activity Detector Based on Connected Components", ternational Conference on Accoustic, Speech and Signal Processing (ICASSP), Montreal, May 2004, page 229-232.								

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/GC/	4	YOAV FREUND, et al., "Experiments with a New Boosting Algorithm". Machine Learning: Proceedings of the Thirteenth International Conference, 1996, 9 pages.	
/GC/	5	DAVID BARGERON, et al. "Boosting-Based Transductive Learning for Text Detection". Proceedings of the 8th International Conference on Document Analysis and Recognition (ICDAR'05), pages 1166-1171.	
/GC/	6	"About Virtual Desktop Managers". Accessible at http://www.virtual-desktop.info. Last accessed on May 17, 2006, 3 pages.	
/GC/	7	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 1, 62 pages (front cover-40).	
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/GC/	9	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 3, 62 pages (101-162).	
/GC/	10	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 4, 62 pages (163-226).	
/GC/	11	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 5, 60 pages (227-287).	
/GC/	12	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 6, 60 pages (288-348).	
/GC/	13	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 7, 62 pages (349-413).	
/GC/	14	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 8, 50 pages (414-464).	

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 First Named Inventor
 David M. Bargeron

 Art Unit
 2162

 Examiner Name
 Giovanna B. Colan

 Attorney Docket Number
 MS306435.01/MSFTP504US

/GC/	15	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 9, 41	pages (465-505).							
/GC/	16	6 VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 10, 35 pages (506-540).								
/GC/	17	7 VLADIMIR N. VAPNIK, Statistical Learning Theory, 1999, pt. 11, 35 pages (541-576).								
/GC/	18	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 12, 6	pages (577-642).							
/GC/	19	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 13, 4:	pages (643-686).							
/GC/	20	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 14, 50	pages (687-back cover).							
/GC/	21	SRIRAM RAMACHANDRAN AND RAMANUJAN KASHI, "An Arch Proceedings of the Seventh International Conference on Documen 256-260 vol. 1 Retrieved from IEEE Xplore on 9/27/2006								
/GC/	22	IVAN POUPYREV, NUMADA TOMOKAZU AND SUZANNE WEGI VR", IEEE, Proceedings of VRAIS' Atlanta, Georgia, March 1998 F								
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Art Unit		2162	
Examiner Name Giova		nna B. Colan	
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Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

al Name

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A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Himanshu S. Amin/	Date (YYYY-MM-DD)	2006-11-20
Name/Print	Himanshu S. Amin	Registration Number	40894

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